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*FIG. 1*

	TH2	TH1	A	B	C
AGC STATE	1	2	3	4	5
RECEIVED SIGNAL STRENGTH	RANGE -2 MUCH LOWER THAN DESIRED (<TH2)	RANGE -1 LOWER THAN DESIRED (<TH1)	RANGE 0 DESIRED RANGE (>TH1-A)	RANGE 1 HIGHER THAN DESIRED (>A)	RANGE 2 MUCH HIGHER THAN DESIRED (>B)
AGC ACTION	GAIN UP (DECREASE ATTENUATION)	GAIN UP	NO CHANGE	GAIN DOWN (INCREASE ATTENUATION)	EXTRA STATES POSSIBLE
UPDATE RATE	MODERATE	SLOW	NONE	FAST	TO BE DETERMINED
AGC STEP SIZE	4 x LSB OF DAC 30	1 x LSB OF DAC 30	NONE	1 x LSB OF DAC 30	6 x LSB OF DAC 30
ENABLE/DISABLE STATE	DISABLE (TH2_DISABLE=1) TH1_DISABLE=1	ENABLE (TH1_DISABLE=0)	ENABLE	ENABLE (CMP_A_DISABLE=0) (CMP_B_DISABLE=0)	ENABLE (CMP_N_DISABLE=0) (CMP_N_DISABLE=1) SELECTABLE
ADAPT INITIATION HOLDOFF TIME (FIG. 8)	20 ITERATIONS	NONE	NONE	NONE	4 ITERATIONS
					K x LSB

FIG. 2

FIG. 3

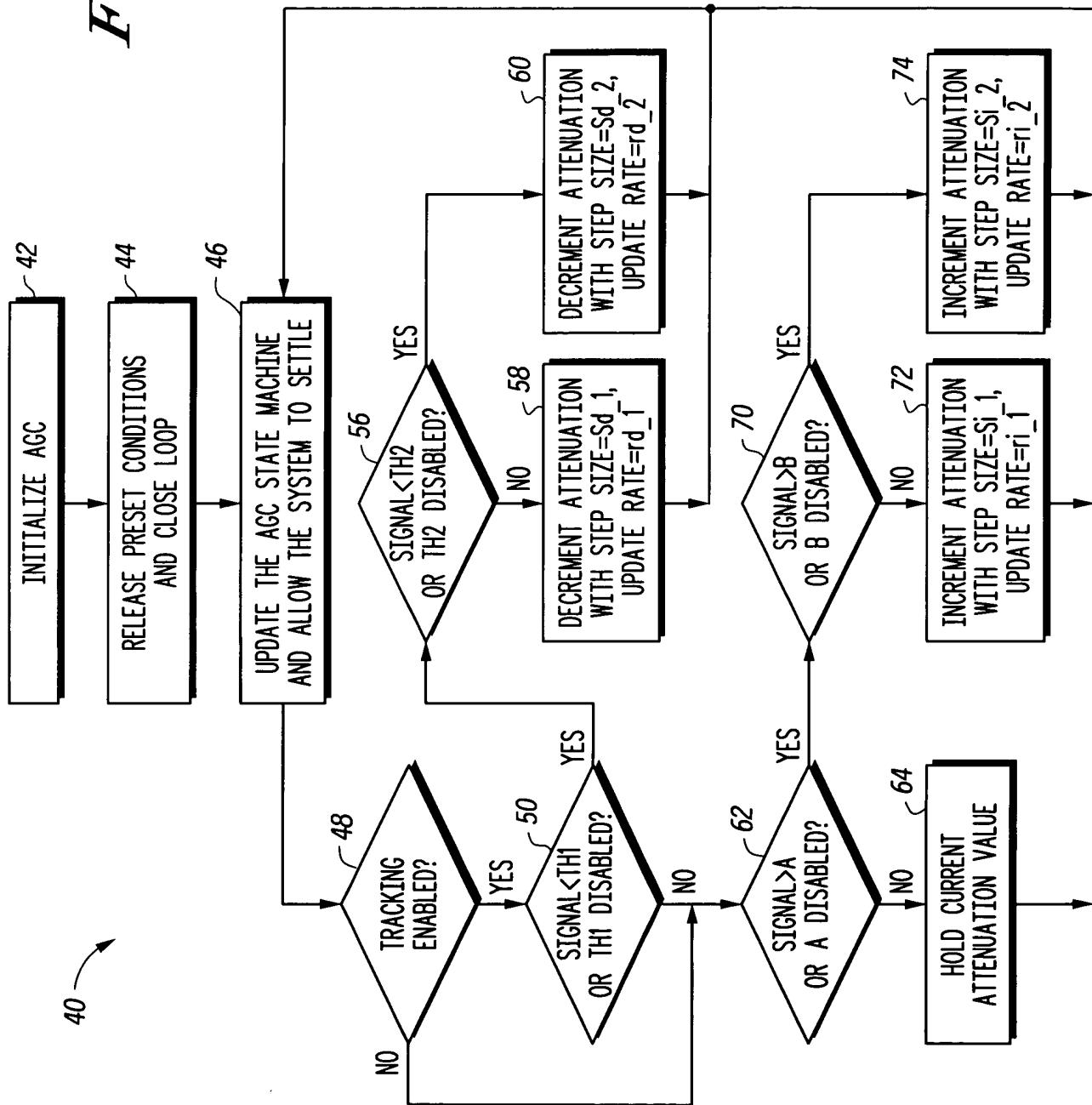
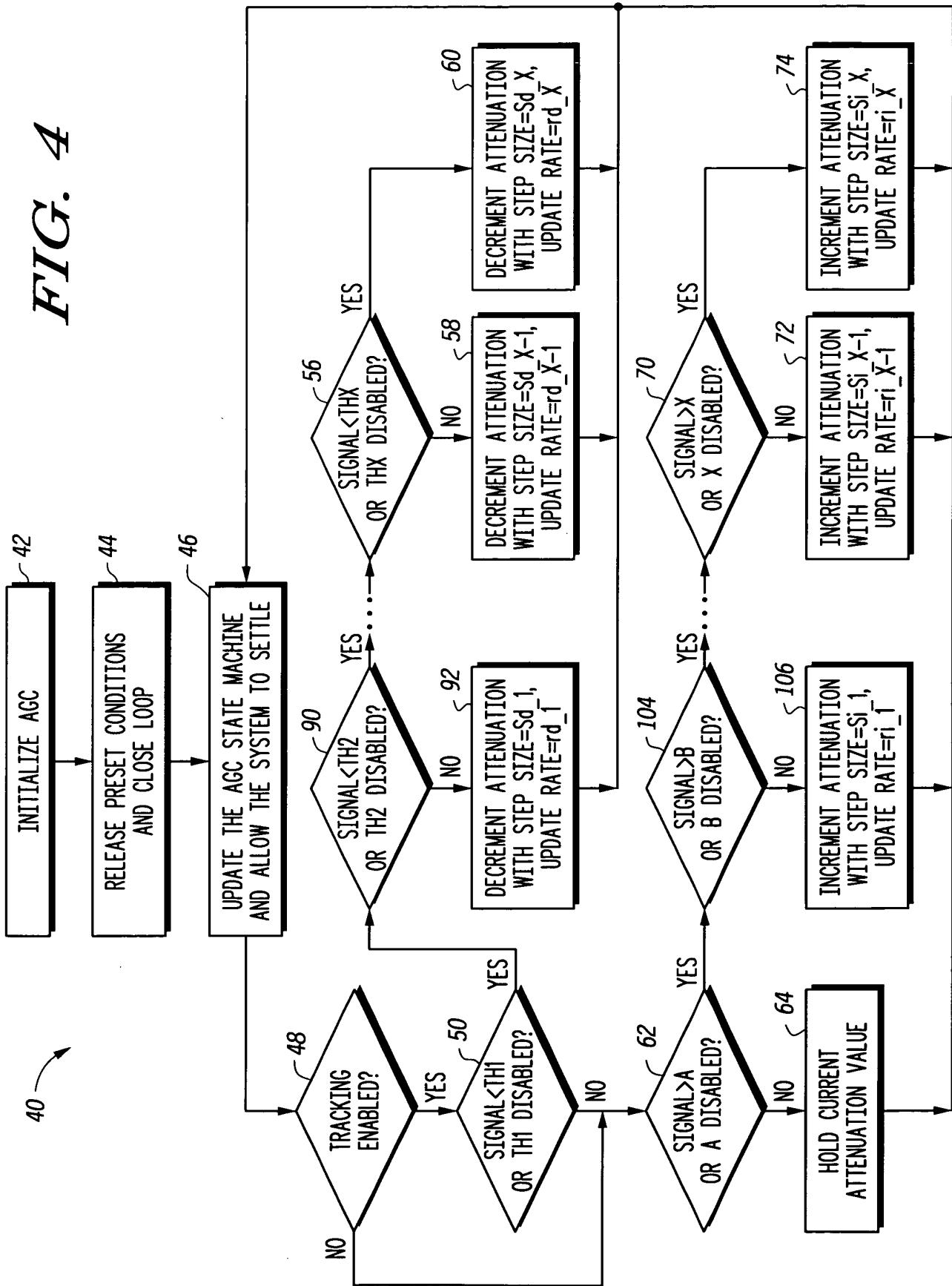
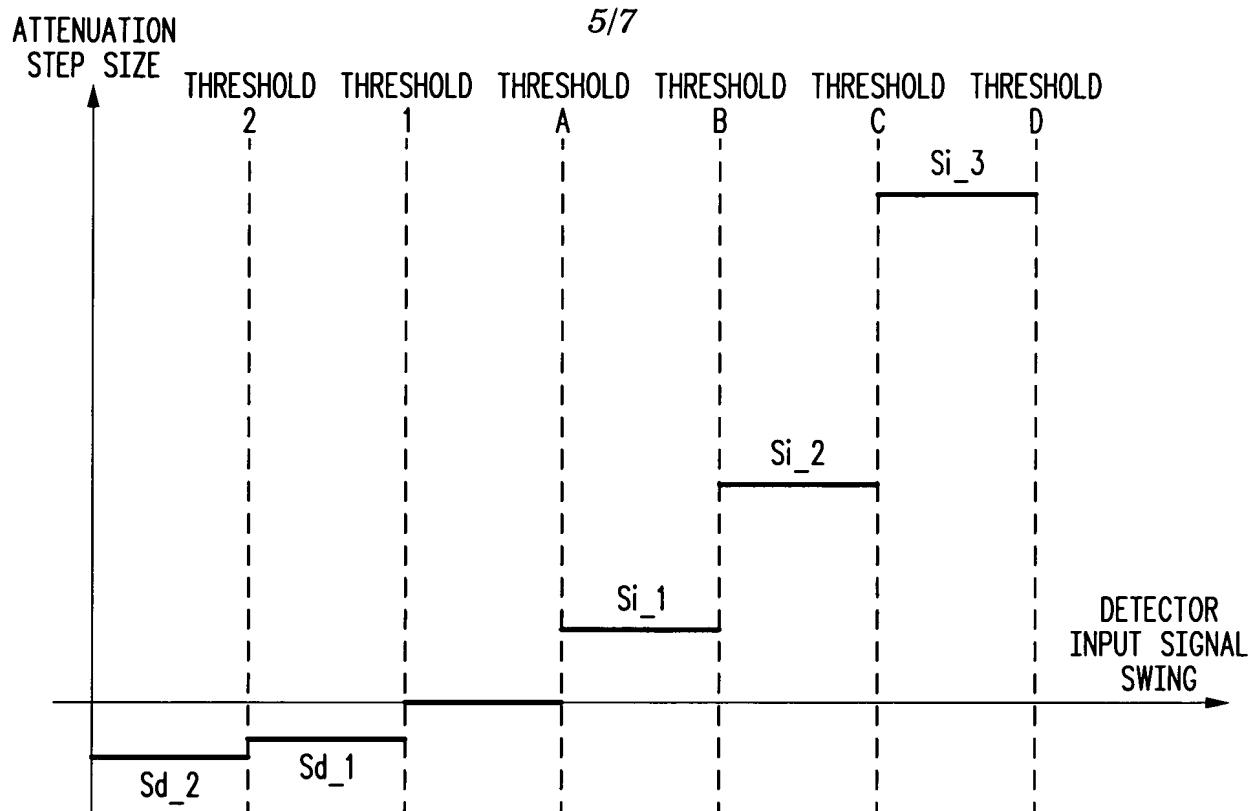


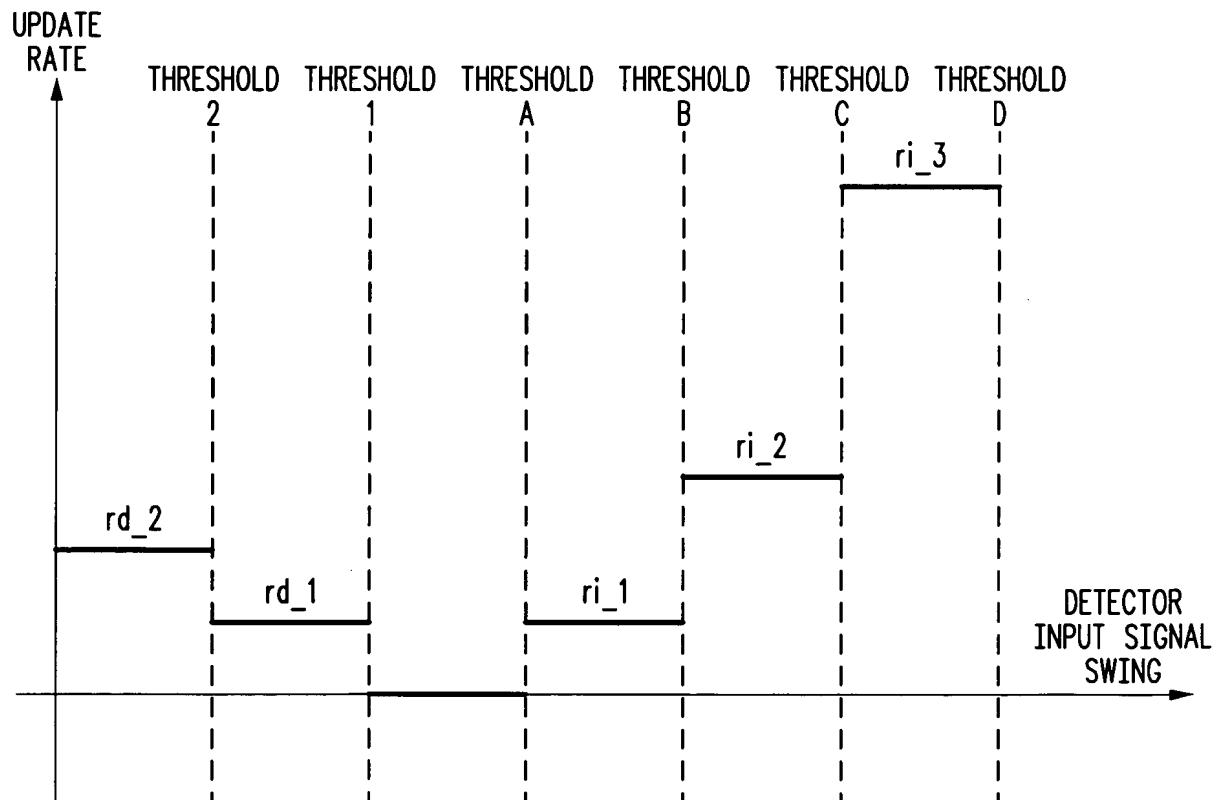
FIG. 4



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*FIG. 5*



*FIG. 6*

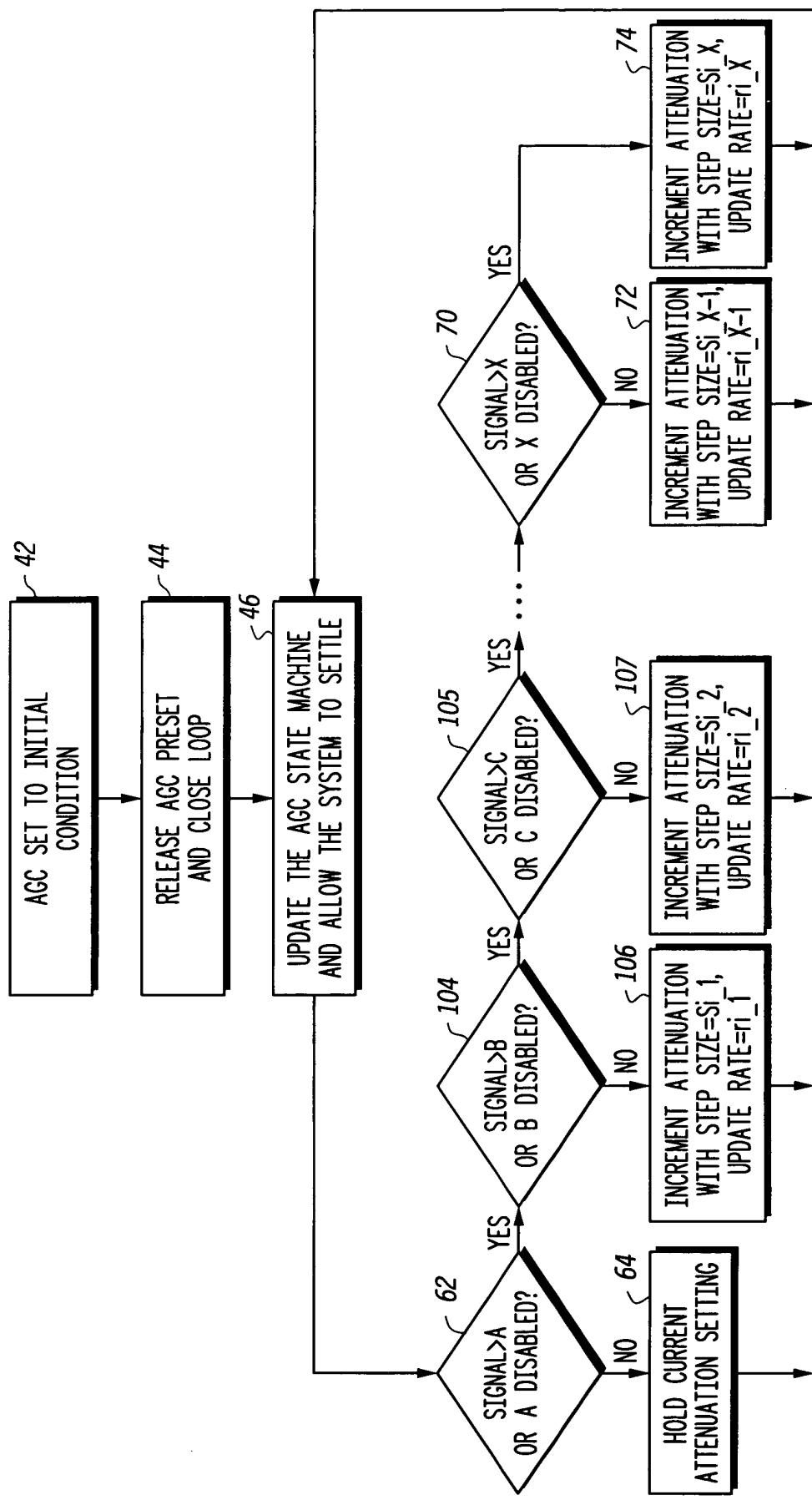
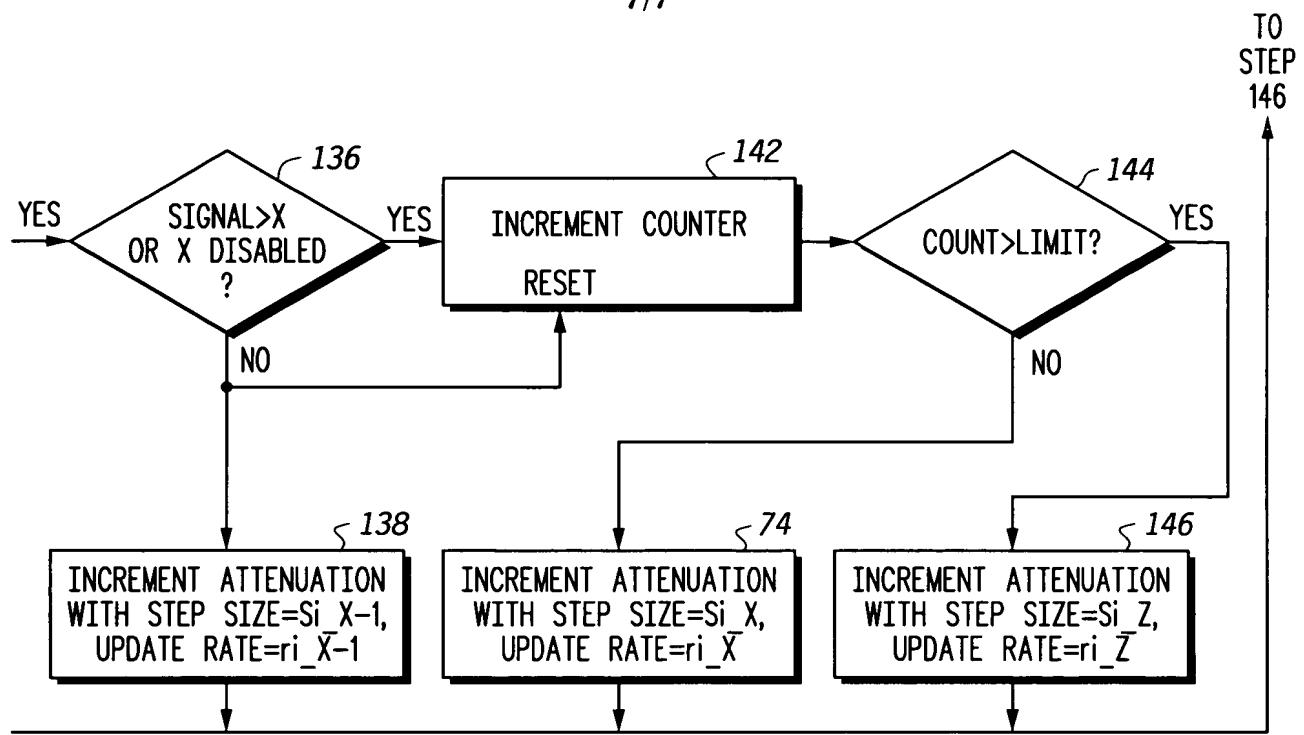


FIG. 7



*FIG. 8*